

BI-WEEKLY PROGRESS REPORT NO. 6

**OLD ROOSEVELT FIELD CONTAMINATED GROUNDWATER AREA SITE
REMEDIAL ACTION - PHASE 2, GROUND WATER TREATMENT SYSTEM CONSTRUCTION
GARDEN CITY, NASSAU COUNTY, NEW YORK**

Prepared for:
U.S. Environmental Protection Agency
290 Broadway
New York, New York 10007-1866

Prepared by:
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EPA Work Assignment No.	: 023-RARA-02PE
EPA Region	: 2
Contract No.	: EP-W-09-002
CDM Federal Programs Corporation	
Document No.	: 3320-023-00929
Prepared by	: CDM
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Telephone Number	: 212-637-4275
Date Prepared	: June 17, 2011

Bi-Weekly Progress Report No. 6

Phase 2 – Ground Water Treatment System Construction

1.0 Introduction

Pursuant of the Work Assignment Form (WAF) Statement of Work (SOW), for Region 2 Contract EP-W-09-002 Work Assignment 023-RARA-02PE, CDM Federal Programs Corporation (CDM) is performing the Phase 2 (Groundwater Treatment System Construction) Remedial Action (RA) at the Old Roosevelt Contaminated Groundwater Area Site. The Bi-Weekly Progress Report is intended to partially fulfill the requirements specified under WAF SOW for this assignment. This Bi-Weekly report is prepared for the work performed from May 30, 2011 to June 10, 2011.

The work performed during this reporting period includes: utility mark-outs, general clean-up, septic tank installation, building foundation excavation and structural foundation material delivery and staging. This work is summarized in further detail below. A list of the supporting documentation attached with this bi-weekly progress report is as follows:

- Attachment 1 - CDM's Daily Status Report
- Attachment 2 - CDM's Field Log Book Notes
- Attachment 3 - Photo Log

2.0 Personnel On-Site

The following personnel were on site during this reporting period:

CDM - Contractor

Jeffrey Mullen	Construction Supervisor
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Arrowhead Contracting Inc (ACI) – Contractor

Doug Ronk	Project Manager
Tom Gleave	Quality Control/Safety Manager
Joe Cotter	Site Superintendent
Matt Swope	Construction Foreman

T&F Enterprises

Tim Taub	Owner/Operator
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3.0 Summary of Work Performed

The following is a brief summary of the field activities performed during this reporting period (refer to Attachments 1, 2, and 3 for Daily Status Report, log book notes, and photo log, respectively for each working day):

- Maintenance of utility mark-outs by ACI
 - Re-marked spray paint markings and reset flagging for underground utility locations.
- Structural Foundation Material Delivery and staging
 - 25 cubic yards of material was delivered to the site by Liotta & Sons, Inc.

- CM Testing Laboratory collected a sample for Standard Proctor analysis, AASHTO-T180-09 Method "D"
- General Site Clean-up
 - ACI covered stockpiled soil with poly sheeting. Sheeting anchored, using ropes and stone.
- Septic Tank Installation
 - T&F Enterprises supplied and installed a 1200 gallon, precast concrete septic tank. The tank is 8' diameter by 5'-6" tall with two manholes and a concrete baffle.
- Building Foundation Excavation
 - T&F Enterprises excavated soil from treatment building area. Removed soil staged near excavation for future use.
- Health and Safety
 - A tailgate H&S meeting was conducted each day before the start of work activities.

4.0 Problems/Corrective Action

During this two week period no problems or issues were noted.

5.0 Deviations

No deviations were noted for this reporting period.

6.0 Conclusions

Construction progress continues at a moderate pace. All work has been completed in a professional and safe manner.

ATTACHMENT 1
DAILY STATUS REPORT

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 5-31-11

Day Tuesday

WEATHER: Sunny

TEMP: 66/89 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
EQUIPMENT IN USE:			
TL-250 Skid Steer – Not used.			
CAT 315 Excavator, - Removed from site by Tim Taub			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
General clean-up.			
No site activities.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic:Lifting/Ergonomics			
TESTING PERFORMED:			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN:
N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED:
N/A
COMMUNICATION WITH CONTRACTOR STAFF:
N/A
MEETING:
N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W. Mullen _____

Title: Field Engineer _____

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 6-1-11

Day Wednesday

WEATHER: Overcast

TEMP: 66/89 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
EQUIPMENT IN USE:			
TL-250 Skid Steer – Not used.			
CAT 315 Excavator, - Removed from site by Tim Taub			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
General clean-up.			
No site activities.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic: Slips, Trips & Falls			
TESTING PERFORMED:			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN:
N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED:
N/A
COMMUNICATION WITH CONTRACTOR STAFF:
N/A
MEETING:
N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W. Mullen _____

Title: Field Engineer _____

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 6-2-11

Day Thursday

WEATHER: Sunny

TEMP: 53/75 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
EQUIPMENT IN USE:			
TL-250 Skid Steer – Not used.			
CAT 315 Excavator, - Removed from site by Tim Taub			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
ACI re-contacted one-call to re-mark utilities. ACI placed flags and spray paint to delineate pipe route.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic: Electrical Hazards			
TESTING PERFORMED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W. Mullen _____

Title: Field Engineer _____

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 6-3-11

Day Friday

WEATHER: Sunny

TEMP: 55/79 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
08:00	Tim Taub	T&F Enterprises	
EQUIPMENT IN USE:			
TL-250 Skid Steer – Not used.			
CAT 315 Excavator, - Removed from site by Tim Taub			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
<p>T&F Enterprises starting layout and excavation of septic holding tank. Tank is a 3-piece, precast concrete structure. The lower section is 8' diameter, 30" tall, 4" thick walls and 6" thick floor. The middle section is 8' diameter and 37" tall with 4" thick walls. The top piece is a 9" thick 8' diameter slab with two 24" diameter man-ways. One baffle wall 4" thick, 7'-6"x4'-9" with 2-12"x12" openings. Two 23" ID man-way extensions with frames and covers have also been delivered.</p> <p>Utility companies started to re-mark underground utilities.</p>			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

Daily Safety Tailgate meeting held. Featured Topic: Hand tools and small power tools
TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: Weekly Conference call
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 6-6-11

Day Monday

WEATHER: Sunny

TEMP: 53/80 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
EQUIPMENT IN USE:			
TL-250 Skid Steer – Not used.			
CAT 315 Excavator, - Removed from site by Tim Taub			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
25 yards of structural fill delivered to site. To be used below the treatment building concrete slab.			
CME on-site to collect sample of structural fill for proctor analysis.			
ACI cut two small trees down south of treatment building location to allow access to building foundation for concrete delivery,			
Utility companies started to re-mark underground utilities.			
WORK BEING INSPECTED:			
N/A			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN: Daily Safety Tailgate meeting held. Featured Topic: Heavy Equipment
TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 6-7-11

Day Tuesday

WEATHER: Sunny

TEMP: 53/80 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
EQUIPMENT IN USE:			
TL-250 Skid Steer – Not used.			
CAT 315 Excavator, - Removed from site by Tim Taub			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
ACI cleaning up area around treatment building, Soil piles consolidated and wood relocated.			
Utility companies started to re-mark underground utilities.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic: Hearing Protection			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 6-8-11

Day Wednesday

WEATHER: Sunny

TEMP: 71/86 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
EQUIPMENT IN USE:			
TL-250 Skid Steer – Not used.			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
ACI cleaning up area around treatment building,			
Utility companies started to re-mark underground utilities.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic: Heat Stress			
TESTING PERFORMED:			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN:
N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED:
N/A
COMMUNICATION WITH CONTRACTOR STAFF:
N/A
MEETING:
N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W. Mullen _____

Title: Field Engineer _____

Daily Status Report

PROJECT: **Old Roosevelt Field Site**
251 Clinton Road
Garden City, New York

Date: 6-13-11

Day Monday

WEATHER: Pt. Cloudy

TEMP: 57/73 deg F

WIND: slight

FIELD FORCE			
FIRM NAME/PERSONNEL ONSITE			
CDM/Jeff Mullen			
.			
Arrowhead/Tom Gleave, Joe Cotter			
VISITORS			
TIME	NAME	REPRESENTING	REMARKS
EQUIPMENT IN USE:			
TL-250 Skid Steer – Not used.			
CONSTRUCTION ACTIVITIES COMPLETED AND/OR IN PROGRESS:			
Verizon on-site to direct ACI where phone and internet will be provided to the site. There is a pole in the south east corner, outside the fence.			
Utility suppliers continue to mark underground utilities.			
WORK BEING INSPECTED:			
N/A			
JOB SAFETY. INDICATE WHAT WAS CHECKED, RESULTS, AND CORRECTIVE ACTIONS TAKEN:			
Daily Safety Tailgate meeting held. Featured Topic:			

Daily Status Report (Continued)

PROJECT: Old Roosevelt Field Site

TESTING PERFORMED: N/A
PROBLEM/DELAYS/CORRECTIVE ACTION TO BE TAKEN: N/A
GREEN REMEDIATION PRACTICES IMPLEMENTED AND QUANTITIES TRACKED: N/A
COMMUNICATION WITH CONTRACTOR STAFF: N/A
MEETING: N/A
ADDITIONAL ACTIVITIES AND REMARKS:

By: Jeffrey W, Mullen

Title: Field Engineer

ATTACHMENT 2
FIELD LOGBOOK NOTES

6/1/11
Wednesday

Overcast
62/82°F

D. Mullen
J. Coffer
T. Gleave

- Safety Meeting Slips/Trips/Falls
- No Site Activities

6/2/11
Thursday

Sunny
53/75°F

D. Mullen
J. Coffer
T. Gleave

- Safety Mtg. - Electrical Hazards
- Re-marked Utility Path
- ACI Re-contracted "one-call"
- To Mark underground utilities

6/3/11
Friday

Sunny
55/79°F

D. Mullen
J. Coffer
T. Gleave

- Safety Meeting - Hand Tools & Sm. Power Tools
- T&E on-site to start septic holding tank installation & building for excavation
- CHR's Kotikarski (4' DEEP
- Tim Taub

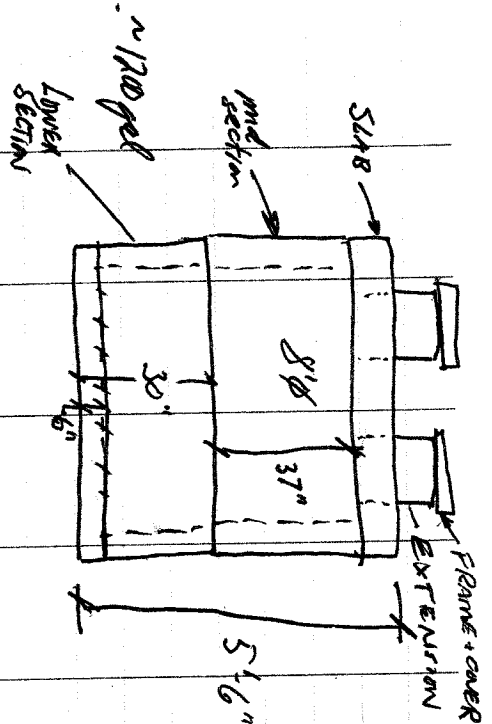
5/30/11 - Turn off site

5/31/11
Tuesday

Sunny
66/89°F

- Safety Meeting - Lifting/Ergonomics
- General Clean-up

(over)



- EXTENSIONS - 12" Tall x 2 1/2" THK 24" ID
- TOP SLAB - 9" THICK 8' Ø w/ 2-24" rods
- Mid Section - 4" THICK x 8' Ø x 37" TALL
- Bottom Lower Section - 4" Walls, 6" Base, 8' Ø x 30" TALL
- Baffle Wall 7'-6" x 4'-9" Tall x 4" THICK
- 2-12x12 Openings

6/6/11
Monday

Sunny
53/80°F

J. Miller
T. GLENN
J. COTTER

- Safety Meeting - Heavy Equipment
- Utility Marking - and GOING
- 25 TON OF STRUCTURAL FILL DELIVERED FOR BUILDING BASE
- * Proctor Testing Performed by CME
- ACI Cutting 2 Small Trees South of Treatment Bldg

6/7/11
Tuesday

Sunny
66/82°F

J. Miller
V. COTTER
T. GLENN

- SAFETY MEETING - HEAVY PROTECTION
- Utility Marking on-Going
- Atc Moving Soil Piles Using Skid Steer TO Provide Access to Bldg Foundation

6/8/11
Wednesday

Sunny
71/84°

Smoke
Tissue
J. Carter

• Safety Meeting - Heat Stress

• Utility Suppliers Making Underground
Utilities

6/9/11
Thursday

Sunny
71/91°

Smoke
Tissue
J. Carter

• Safety Meeting - Hazards & Plants

• No Site Activities

6/9/11
Friday

Tissue

Turn off site
J. Carter off site

• No Site Activities

ATTACHMENT 3
PHOTO LOG

Old Roosevelt Field Contaminated Groundwater Area Superfund Site

[illegible]

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: May 30 through June 10, 2011



Delivery of Pre-cast concrete Septic Tank

IMAG0039.jpg

6/3/2011



Precast Septic Tank being set using excavator.

IMAG0040.jpg

6/3/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: May 30 through June 10, 2011



Lowering Precast Septic Tank into excavation.

IMAG0041.jpg

6/3/2011



ACI Applying waterproofing between Precast Concrete sections.

IMAG0042.jpg

6/3/2011

**Old Roosevelt Field Contaminated Groundwater Area Superfund Site
Remedial Action - Groundwater Treatment System**

PHOTOS: May 30 through June 10, 2011



Treatment Building foundation excavation. (Looking East)
IMAG0043.jpg 6/6/2011



Treatment Building foundation excavation. (Looking South)
IMAG0044.jpg 6/6/2011